

K6YQT

PAARA NEWSLETTER  
VOLUME 54 NUMBER 1, January 2005

W6OTX



Celebrating 68 years as an *active* ham radio club—*Since 1937*  
Newsletter for the Palo Alto Amateur Radio Association, Inc.



## CALENDAR

(note: change in December meeting date)	
Jan.....7	<b>PAARA Meeting</b> , 7:30 Menlo Park Recreation Center 700 Alma Street, Menlo Park
Jan.....12	<b>PAARA Board Meeting</b> , 7:30 Red Cross Bld., 400 Mitchell Ln., Palo Alto
Feb.....4	<b>PAARA Meeting</b> , 7:30
Feb.....9	<b>PAARA Board Meeting</b> , 7:30
Jan.....21	<b>PAARA/FARS Holiday Dinner</b>

## PROGRAM

January 7, 2005, 7:30 P.M.



### Speaker:

Dean Straw, N6BV

### Program:

### "Predicting Propagation for DX"

Join us for pre-meeting eyeball

at Su Hong Restaurant, 1039 El Camino Real, Menlo Park  
Food will be served at 6:00 sharp, so guests will be on time for the PAARA  
meeting. Those arriving late will be responsible for their own order and bill.

—PAARA Radio NET every Monday evening at 8:30 P.M., local time—  
on the 145.230 -600 MHz repeater, PL tone off

## PAARA/FARS HOLIDAY PARTY

Date: Friday, January 21, 2005

Speaker: Trey Garlough N5KO

Program: "Contesting in the Galapagos"

Trey Garlough N5KO, is an internationally known Dxpeditioner and competitor. He has been on many famous DXpeditions, including Campbell Island (south of New Zealand), Chesterfield Island (east of Australia), and East Timor Island (southeast of Borneo), just to name a few. Trey operates HC8N in the Galapagos Islands off the coast of Ecuador. His talk will include highlights of the Galapagos contest location, including travelogue style full screen pictures.

Buy your raffle tickets from one of our youngest members, Ian K6IAN.

First Prize: Icom 706 MK IIIG HF/VHF/UHF transceiver with remote head kit.

Second Prize: Yaesu FT 8800R, 144/430 MHz Dual Band FM Transceiver.

Don't miss out on this spectacular raffle with too many prizes to list! WOW! We want ALL of our members and guests to attend! Please send in check and meal selection NOW! Checks must be received by January 17, 2005. See January 2005 PAARAGraphs sign up form.

**DO NOT MISS THIS PRESENTATION,**  
because you WILL be hearing about it for a long time to come.

~K6AK Jim

## January 7 Meeting:

### Predicting Propagation for DX

At the first PAARA meeting of 2005, **Dean Straw, N6BV**, ARRL's Senior Assistant Technical Editor, will speak about Strategies Using Propagation Predictions for DXing and Contesting. Straw will show how to use propagation software, local terrain models and antenna modeling tools to plan for specific DX contacts and to guide contest band strategies. One of the most interesting parts of the lecture will be his comparison of the predictions he compiled for the rare W6VU4 path several months ago, with the actual conditions during December 2004.

## Miscellaneous

### ELECTRONIC FLEA MARKET

Sponsorship by A.S.V.A.R.O.

[Association of Silicon Valley Amateur Radio Organizations]  
 Second Saturday of month, March–October, 6 AM–2PM  
 Howard M. Krawetz, N6HM 650-856-9761

**Hosts:**

Closed until Spring.

### PAARA Palo Alto Amateur Radio Association

meets 1st Friday 7:30 each month. Net 145.230 each Monday 8:30,  
 contact: Andreas Junge N6NU.....(650) 233 0843

### FARS Foothills Amateur Radio Society

meets 4th Friday 7:30 each month.  
 contact: <http://www.fars.k6ya.org>.

### NCDXC Northern California DX Club

meets 2nd Friday 7:30 each month.  
 repeater for member info 147.360, Thur 8:00PM,  
 contact: Mike Gavin W6WZ, (650) 851 8699.

### NorCalQRP Northern California QRP Club

meets 1st Sunday each month.  
 contact: Jim Cates 3241 Eastwood Rd., Sacramento, CA 95821.

### SPECS Southern Peninsula Emergency Communication System

meets each Monday 8:00PM on Net 145.27, 440.80 MHz, [www.specsnet.org](http://www.specsnet.org)  
 contact: Tom Cascone, KF6LWZ, 650-688-0441 [specs@svpal.org](mailto:specs@svpal.org)

### SCARES South County Amateur Radio Emergency Service

meets 3rd Thursday 7:30 each month. San Carlos City Hall.  
 Net is on 146.445 [PL. 114.8] & 444.50 (PL-100) 7:30 Monday evenings.  
 contact:

### SCCARA Santa Clara County Amateur Radio Association

Operates W6UU & W6UU/R, repeater 146.985+  
 Nets: 2m, 7:30 Mon; 70cm, 442.425+ (pl 107.2) Thur.  
 Web site [www.qsl.net/sccara](http://www.qsl.net/sccara)  
 meets 2nd Mon each month @ 7:30 PM.  
 contact: Clark Murphy KE6KXO 408-262-9334  
 ARRL/VEC license testing contact 408-507-4698

### SVECS Silicon Valley Emergency Communications

Operates AA6BT repeater (146.115 MHz+)  
 contact: Lou Stierer WA6QYS 408 241 7999

### WVARA West Valley Amateur Radio Association

operates W6PIY repeater 147.394, 223.96, 441.875, 1286.2  
 WVARA now has a 6M repeater, linked to 440 and 1.2GHz  
 meets 3rd Wed every month.

contact: Bill Ashby N6FFC, 408-267-3118 or

N6FFC@Juno.com or N6FFC@ARRL.NET

### Perham Foundation (discontinued)

### Disaster Services,

**PALO ALTO CHAPTER**, American Red Cross, [www.paarc.org](http://www.paarc.org)

400 Mitchell Lane

Meets 3rd Wed. each month 7:30PM.

HF, packet, BBS, ATV, OSCAR Gateway, NASA satellite.

contact: Mac Millian 650-688-0423. [MACM@paarc.org](mailto:MACM@paarc.org)

**SAN JOSE CHAPTER**, American Red Cross

contact: Scott Hensley KB6UOO, (408) 967 7924. [FSHENSLEY@NOVELL.COM](mailto:FSHENSLEY@NOVELL.COM)

### VE Exams

3rd Saturday each month, 10:30AM, 145.23- PL=100Hz  
 Redwood City Main Library, Community Conference Room

1044 Middlefield Road, Redwood City, CA

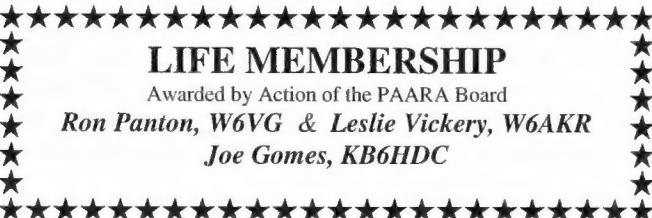
contact: Al WB6IMX@att.net.

### Swap meet

LosPositas College, Livermore, 1st Sunday each month.

Contact: Cliff Kibbe (209) 835 6715 or Eliot Ross (925) 606 7710

(please send changes to PAARAGraphs editor: [k6uro@arrl.net](mailto:k6uro@arrl.net))



## Palo Alto Amateur Radio Association, Inc.

### PO Box 911

### Menlo Park, CA 94026

President .....Andreas Junge N6NU.....650-233 0843  
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 k6ak@arrl.net

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 terry@incognitoservices.com

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 ron@taxhelp.com

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 ab6so@smrn.com

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 dteter@ewi.com

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Raffle.....Jim Rice, K6AK.....650-851-2274

Ticket Master.....Kyle Rice, KG6MSK

Ticket Master assistant,..Ian Brune, K6IAN.

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 stevebrune@sbcglobal.net

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 htakaoka@excite.com

Webmaster .....Peter Sheerin, K6WEB.....

K6WEB@arrl.net

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Rolf Klibo, N6NFI .....650-856-2748 ....'05

klibo@earthlink.net

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hagenees@att.net

Bob Korte, KD6KYT.....650-595 1842 ..'05

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.see "Calendar" for Board meeting times, visitors welcome-

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 stevebrune@sbcglobal.net

additional pictures by  
 Dick Kors KM6EP, John Larribeau KR6MR, Wally Porter K6URO

**PAARAGraphs e-mail address: [k6uro@arrl.net](mailto:k6uro@arrl.net)**

Submit material for PAARAGraphs by the 15th

Use WORD, MS Publisher, rich text, or ascii

(New Times Roman is the common font)

send pictures as attachments .jpg

**PAARA Website:** [www.paara.org](http://www.paara.org)

**PAARA Forum:** <http://www.paara.org/forum/>

Hello,

My name is Dave Waters, and I was a long time friend of Dave Rogers. As you may know, he passed away recently. It would be greatly appreciated by the family and myself if you could send the below information to your members or organization as Dave had many friends all over. Thank you very much. 73, Dave Waters, K6MTT

Note: Please do not post these addresses on a public web site or public place. Making it available at a meeting, on internal bulletin boards, as handouts or in a newsletter is welcome. Thank you for your help!. As you may know, Dave Rogers passed away unexpectedly after a short illness on Monday November 8, 2004. Due to the wide circle of friends and acquaintances that Dave had in his 49 years, we'd like to invite anyone who knew him to write of their experiences and thoughts about Dave, along with pictures if available. Our goal is to help his 17-year old son have something more about Dave to take with him into the future. If there is something you'd like to say directly to the family, please submit it and we will pass it along. Otherwise, we'd like to keep this album's content to a celebration of Dave's life and experiences and we'd greatly value your recollections of Dave. Ideas: what stood out about Dave to you? What life experiences did he relate to you? Any stories about Dave interacting with other friends, family, coworkers, the man on the street? How would you describe him? Please include your name and how you knew Dave. Contributions by e-mail are preferred. Please send them as either text Or PC-readable files to: [dave0555@msn.com](mailto:dave0555@msn.com) However, you may also send written items and pictures to: Remembrances of Dave R. PO Box 7271 Auburn, CA 95604-7271 Every effort will be made to return pictures, please ensure there is a readable return address, and a SASE would also be appreciated.

Thank you for your contribution!

## New MEMBER PROFILE

### SHAWN ERIC GHOST. KØSEG

New PAARA member **Shawn Ghost, KØSEG**, was born in Belle Vernon, PA in July 1978. He moved to California at age eleven and ultimately graduated Wilcox High School in Sunnyvale before moving to Boulder, Colorado. Shawn worked in retail sales and warehousing operations before returning to California in August of 2003 with his fiancé Amanda. They both attend DeAnza College full time, while Amanda works part time as a figure skating teacher.

Shawn earned his technician license in 1997 at a hamfest in Colorado and was issued license call sign **KCØCAW**. He subsequently applied for and received a new call sign with his initials in 2003, some time before he passed the General written exam in late 2004. He is working on his code now so he can take the element one test soon. Shawn joined PAARA in September 2004 and currently operates a Kenwood TS-530 with a random wire antenna and has a Yaesu FT-530 and Vertex-150.

Shawn has had the good fortune to meet and start socializing with two other PAARA members, **Mikey Furman, N6IL**, and **Mark Cohen, KR1PTO** who have actually become his elmer's as he learns more about the amateur radio service. Please welcome **Shawn Ghost, KØSEG**, into the PAARA membership.

~Terry Finn. AF6TF.

## AMATEUR RADIO LICENSE TESTING

This session is produced by Bay Area Educational Amateur Radio Society, member W5YI/VEC

### Study Session, Followed by Exam

Offering a one day study session for Technician or General theory, followed by testing. Morse Code tests will not be given.

WHEN: Saturday, January 29, 2005  
8:00am - 5pm  
WHERE: College of San Mateo  
FEE: \$25.00  
Register: [wb6zbu@arrl.net](mailto:wb6zbu@arrl.net)  
Questions: Ross Peterson 650-349-5349 or [wb6zbu@arrl.net](mailto:wb6zbu@arrl.net)

Class size is limited, reservations are required.

Prospective Hams should have an active Ham as a sponsor to assist in familiarization with amateur operation.

### RESERVE YOUR SPACE \* BE A HAM !



Sponsored by:

College of San Mateo Electronics Technology Department (<http://www.csom.edu>)  
South County Amateur Radio Emergency Services (<http://www.scarers.org>)

### PAARA Member Ken Dueker (KB6BPM)

invites you to go to [www.powerflare.com](http://www.powerflare.com) and check out his invention: the PowerFlare safety light. The PowerFlare light features the latest in ultra-bright LED technology and is so strong, it can be run over by a fire truck."



## GOOD OLD STUFF from PAARAGRAPHS History

Andy Korsak, KR6DD kr6dd@arrl.net

### [30 years ago January 1975 VOL. XIX No.1

NEXT MEETING January 10... San Mateo County Emergency Preparedness, complete with good-taste movies.... Come and learn about the all important civil defense and public service aspect of our hobby.

#### PAARA PICKIN'S MORE GOOD STUFF TO KNOW

THE PAARA NET meets every Monday nite on 145.24 MHz plus or minus one line on a Gonset Communicator dial.

#### REPORT OF THE BOARD MEETING AT THE W6OTX TRAILER 12/18/74

PRESENT WERE: Fred K6YT [SK], Jerry WA6LIJ [SK], Bob W6BFH [SK], Paul Thekan [now N6FEG], Gerry WA6LNV [now N6NV], Ed W6AIN/SK, Andy VE3FZK/W6[now KR6DD], Terry WB6GRZ[now N6RY] and Hal W6DEF/SK – *call was reassigned to a Dale E Farmer in Monterey*. Fred [president K6YT] announced that the club generator was all tuned up and ready to go for the SET [Simulated Emergency Test] later this month.

A resolution was made and seconded and unanimously approved that the Board recommends to the club that a sum of \$150.00 maximum be spent in the construction, or repairs and welding, of a trailer to carry this big monster generator around. **We could always saw Andy's Datsun truck in half....(can't be worth more than 99 ¢ [cents]!) [I can't find a cents symbol matching the old typewriter kind]**

#### 1974 SWEEPSTAKES SCORES FOR THE 4 CLUB CONTEST

	<u>CW</u>	<u>PHONE</u>
FARS	192,992	335,512
EMARC	141,828	221,724
SPARKS	165,652	207,652
PAARA	39,572	104,916

Oh well, gang, as they said at the Harper Valley P.T.A. the Foothill Amateur Radio Society “soaked it to us”! Maybe next year we'll win both Sweepstakes and Field Day!

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#### FROM December QST page 85 “The World Above 50 MHz”: IS AM DEAD?

....the proposition is debated whenever VHF hams gather... Let's see anyone home-build a really simple receiver for FM or SSB, for instance...

**CONGRATS TO:** Steve Stuntz K6FS who was our delegate to the Pacific Division Conference held in December.

#### ATTENTION!!! HERE'S THE SCOOP ON THE RESTRUCTURING DOCKET

*A full two pages detailing the FCC Docket 20282 which introduced the Amateur Extra license and amateur administered exams. Critique by PAARAGRAPHS editor WA6NCX:* The docket is very radical and in a way very disappointing... the Communicator class will fill up the two-meter band with many people who may not really know anything about amateur radio... poor General Class licensees... shortchanged in terms of power and modes...new power rule is outright ridiculous...

### 20 years ago January 1985 Vol.27 No.1

#### DON'T MISS THE JANUARY MEETING!!!! Fri. Jan 4 1985 7:30PM

We've got a real barnstormer to start off the new year!

#### “A HAM's LIFE IN FRENCH POLYNESIA” Ross Forbes WB6GFJ/F00FB

Ross will share with us some examples of the 8000 slides he has collected over the past 8 years during his summer trips to **TAHITI, MOOREA, BORA BORA, & RANGROA** ... learned the Tahitian language and also speaks French ... slides also include his trips to the Cook Islands, New Zealand & Australia.

#### PACKET RADIO EXPERIMENTS [submitted by Andy VE3FZK]

At our December 84 PAARA meeting, we had the good fortune of hearing all about the latest frontier in ham radio from Ted Harris, N6IIU. Some PAARA members were involved in the MEDEX simulated emergency exercise... Andy VE3FZK [now KR6DD]... at Kaiser Hospital... Redwood City... SPECS members ... at various hospitals and Red Cross locations further south... successful SET especially because of the support by packet radio units. At Kaiser Redwood City, we had Dick W6HPA and his son Alexander who just got his ham license, manning a packet station. Dave WA6YSO also came by to observe, and the result was that...Dave and I (Andy) got the bug! ...Dave WA6YSO got started building up an interface for his Commodore 64 and KB6FVA is doing the same, also with a VIC20. I wrote a program to grab audio off the air into my APPLE II and digitize it... I decoded one packet by studying the zero-crossing intervals... can't come up with the right value for the checksum. *[Soon after that I recall demonstrating a working packet receiving APPLE II program at a Pacific Packet Radio Society (PPRS) meeting at AMPEX cafeteria, but I never finished a TX mode – gave up and bought an MFJ 120B for \$120.]*

### 10 Years ago January 1995 [issue missing in my collection]

# **PAARA/FARS 2005 HOLIDAY PARTY:**

**Date:** Friday, January 21, 2005

**Speaker:** Trey Garlough N5KO

**Program:** "Contesting in the Galapagos"

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**PAARA/FARS Raffle:** Don't miss out on this spectacular raffle with too many prizes to list!  
**WOW!**

First Prize: Icom 706 MK IIIG HF/VHF/UHF transceiver with remote head kit.

Second Prize: Yaesu FT 8800R, 144/430 MHz Dual Band FM Transceiver.

Buy your raffle tickets from one of our youngest members, Ian K6IAN

## **PAARA/FARS Holiday Dinner Information and Sign Up:**

**Date:** Friday, January 21, 2005

**Time:** ( 6 p.m. / No host bar opens ) ( 7 p.m. / Dinner served ) ( 8 p.m. / Program begins )

**Where:** Michael's at Shoreline, 2960 No. Shoreline Blvd., Mountain View, CA Phone # 650-962-1014

Additional info: <http://www.fars.k6ya.org/events/banquet.shtml>

**Menu:** (B) Roast Prime Rib of Beef \$37.00, (S) Broiled Salmon Lemon Beurre Blanc \$32.00

(C) Breast of Chicken Florentine \$30.00, (V) Vegetarian Brochette \$25.00

Each entree is served with seasonal greens, fresh vegetables, potato du jour, and French rolls. Dessert: ice cream parfait.

Prices include all taxes and tips. We will have a NO HOST BAR for soft drinks, wine, beer, etc.

**We want ALL of our members and guests to attend! Please send in your check and meal selection NOW!**

Checks must be received by January 17, 2005.

*K6AK Jim*

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## **PAARA/FARS 2004 WINTER BANQUET Members and Guests SIGNUP**

**Date:** January 21, 2005

Meal choice selections: (B) Beef \$37.00 (S) Salmon \$32.00 (C) Chicken \$30.00 (V) Vegetarian \$25.00

Name	Call	Meal Choice	Amount
		( B, S, C, V )	

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**Send your check, payable to FARS (by January 17), to:**

David A. Cooper

PMB 41

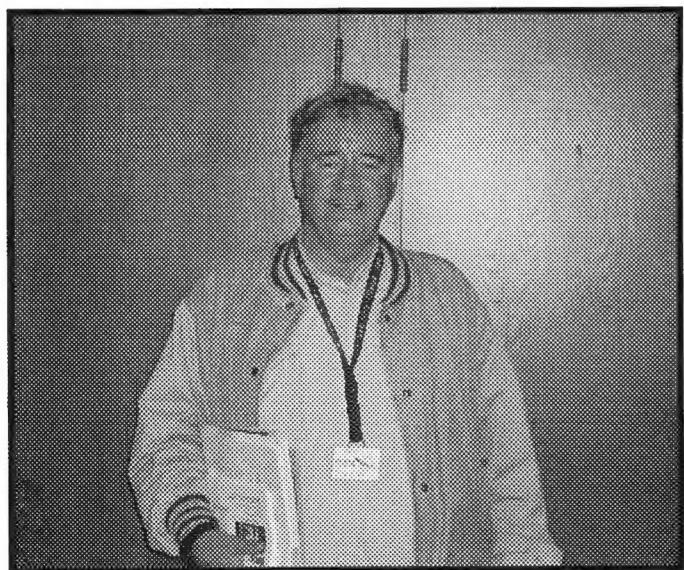
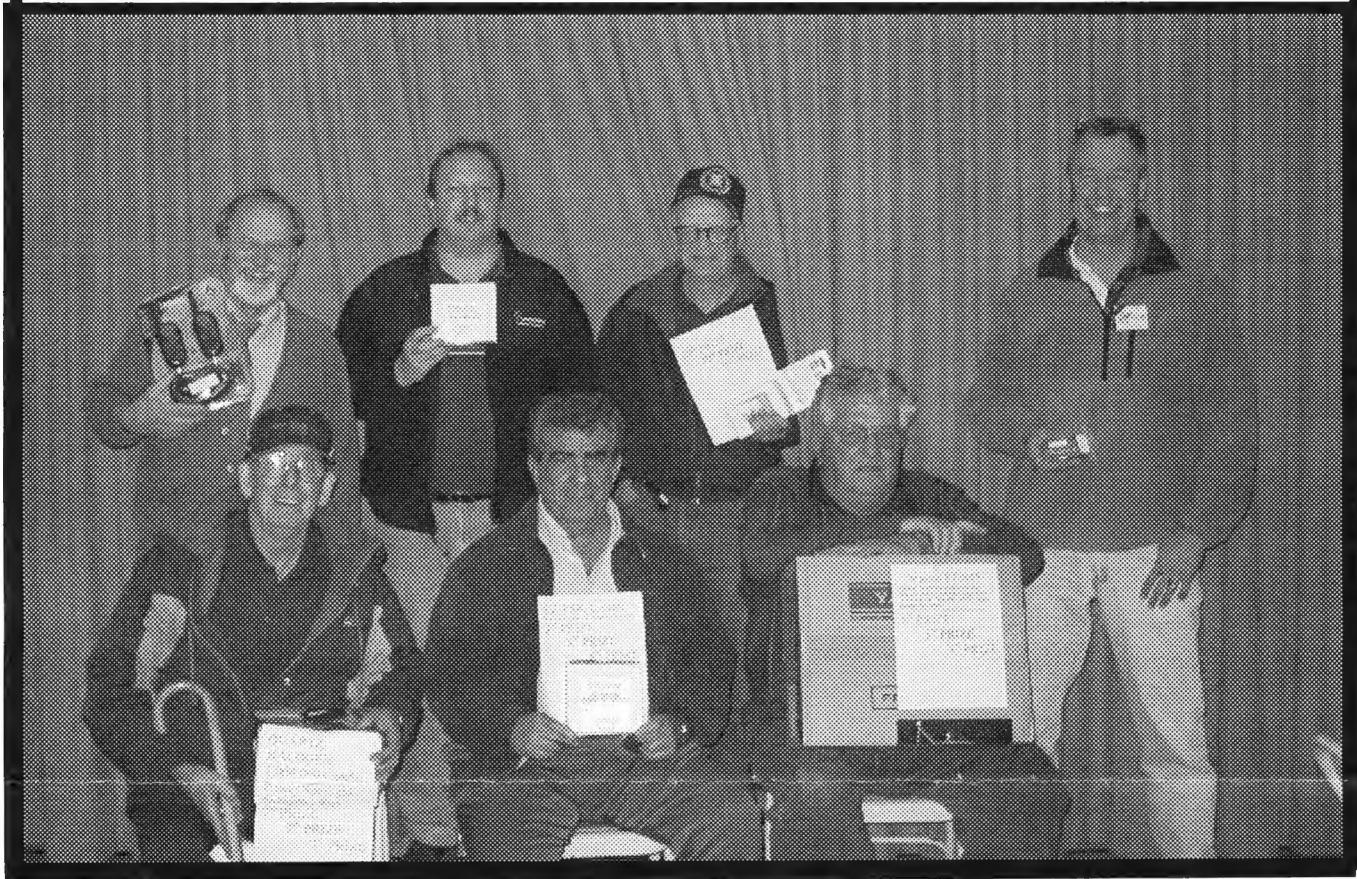
270 Redwood Shores Pkwy

**Total** \_\_\_\_\_

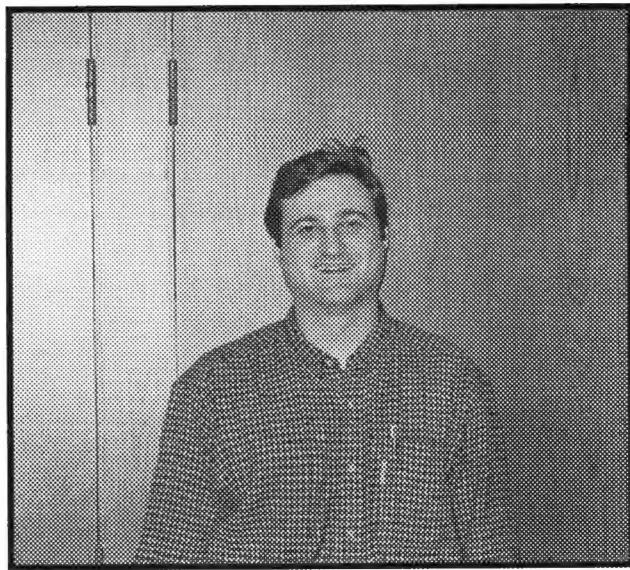
*Redwood City, CA 94065-1173*

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## DECEMBER 2004 RAFFLE WINNERS



**2005 President Terry Finn, AF6TF**



**2005 Vice President Peter Sheerin, K6WEB**

# PAARA

## January 7<sup>th</sup> Meeting and Raffle

PAARA “*The Friendliest Club Around*”

Palo Alto Amateur Radio Association, Inc.

**Date and Time: Friday, January 7<sup>th</sup>, at 7:30 p.m.**

Location: Menlo Park Recreation Center, 700 Alma St., Menlo Park, CA.

PAARA Website: [www.paara.org](http://www.paara.org)

### Welcome Members and Visitors

**SPECTACULAR, UNBELIEVABLE, & HEART-POUNDING EXCITEMENT!!**

“MUST ATTEND EVENT OF THE YEAR” say Amateur Radio Operators Worldwide...

*Mark your calendar and don't miss this “mini Hamfest!”*

#### **FIRST PRIZE: Icom IC-2100H / 55W/ 2m / Mobile rig**

Improved receiver IMD, Squelch attenuator, Selectable green or amber display  
**SECOND PRIZE: Garmin / Foretrex 101, Wrist Mount GPS Receiver**

Weight 2.6 oz., RS232 with NMEA, “A Must Have Hot Item”

#### **THIRD PRIZE: Grundig FR200 AM/FM/SW Radio**

Built Tough, Self-Powered, Emergency Light, Earphone Jack

#### **FOURTH PRIZE: 1 Year Subscription to Worldradio**

#### **FIFTH PRIZE: CQ 2005/2006 Amateur Radio Calendar**

#### **SIXTH thru EIGHT PRIZE: ARRL 04-05 Repeater Directory,**

#### **Repeater Directory, Antenna Glass Mount/ BNC Cable**

Enjoy our fabulous speakers, free refreshments, chatting with your friends, and the chance to take home an unbelievable prize. See you at Round Table after the meeting! Kyle, Ian and I are having a lot of fun.

#### **THANKS AGAIN FOR MAKING THE MEETINGS VERY EXCITING!**

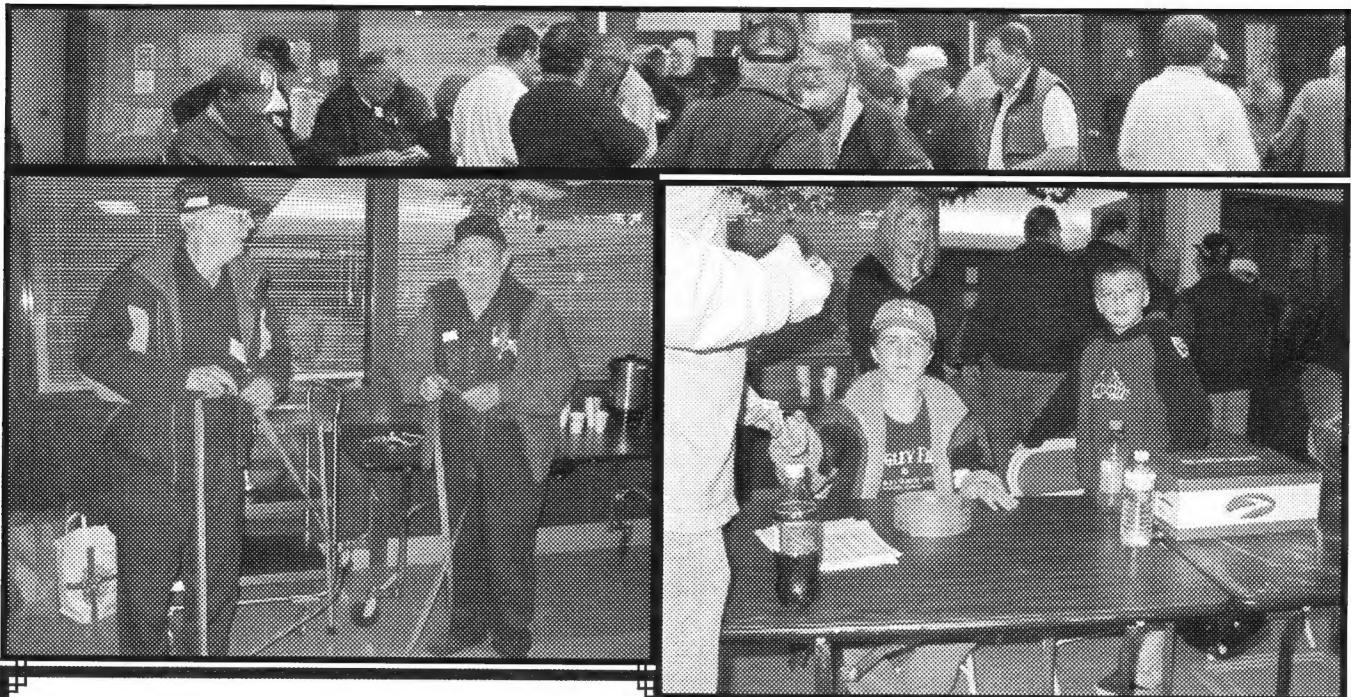
The PAARA Raffle is FULL of SURPRISES and YOUR LUCKY DAY may be January 7<sup>th</sup>  
Contact Kyle, KG6MSK and Ian, K6IAN, “Two of PAARA’s youngest members” for tickets at the meeting.

Members and Visitors: THANK YOU for your continued support of the PAARA Raffle!

Since February 2003, 57 Radios, including a YAESU FT-847, an ICOM 706 MK IIIG, and Two Elecraft KX1’s have gone to Fellow Hams, THANKS TO YOU and the PAARA Raffle!

Special Thanks to Bob, Howard, Mark, Rick, and everyone at HRO for their continued SUPPORT!

~K6AK Jim



## PAARA BADGES

*to order one, contact coordinator:*

**Doug Teter, KG6LWE**  
 dteter@wewi.com

**PAARA Radio NET**  
 every Monday evening  
 8:30 P.M., local time  
 on the  
**145.230 -600 MHz repeater**

*PL tone off*

*control operators:*

Week	Operator
1 <sup>st</sup> Mon.	Pink Foster (KG6ILA)
2 <sup>nd</sup> Mon.	Peter Sheerin (K6WEB)
3 <sup>rd</sup> Mon.	Peter Sheerin (K6WEB)
4 <sup>th</sup> Mon.	Bill Rausch (AA6PA)
5 <sup>th</sup> Mon.	<b>Volunteer!</b>

Join us for pre-meeting eyeball

**QSO**  
**January 7th**  
**gab & gobble**



*Food will be served at 6:00 sharp, so guests will be on time for the PAARA meeting. Those arriving late will be responsible for their own food order.*

**6 pm— at Su Hong Restaurant**  
**1039 El Camino Real**  
**Menlo Park**

*—across from Kepler's Book Store—*

**Want and For Sale ads in**  
**PAARAGraphs**  
**are FREE to members**

*(Submit by e-mail or letter before the 15th of the month)*



*Howard at HRO says: "HAM accessories and gift certificates are available at HRO"*

*"Congratulations PAARA on a successful year."*



## VENUS CAFE

CAPPUCINO • LATTE • MOCHA  
CROISSANTS • MUFFINS • PASTRIES  
BREAKFAST • SANDWICHES • BURGERS  
ICE CREAM • SHAKE • FLOAT

2655 Broadway Ave (At El Camino Real) • Redwood City • Ca. 94063  
7:30am-10pm • 650-368-9200 • Telephone: (650) 368-9200

# W6AZ



Ron Chester  
Santa Clara  
(408) 243-2221  
Ron@taxhelp.com

Tax Preparation & QuickBooks Consulting - Ham discount

A SMALL CHURCH WITH A BIG HEART



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FAX: 650-323-8546  
WWW.FIRSTBAPTIST.COM

## MADONNA'S BAIL BONDS



Ayudamos a la Comunidad Hispana

REDWOOD CITY ————— 650-366-9111  
SAN FRANCISCO ————— 415-495-2245  
SAN JOSE ————— 408-266-2245

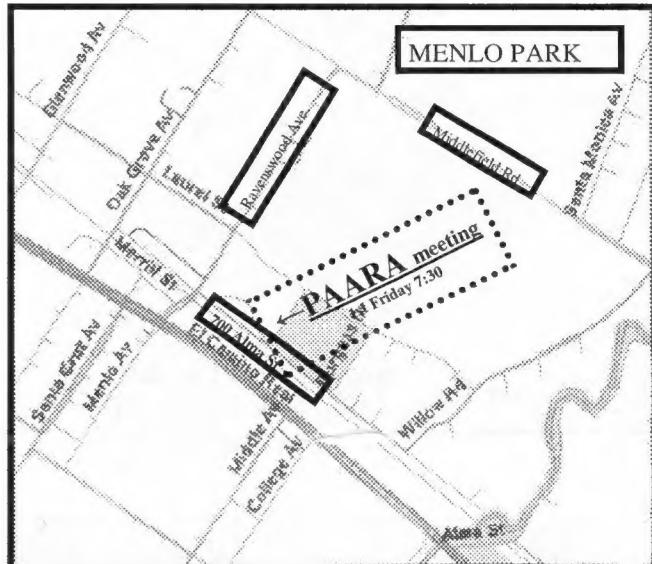
TERRY FINN AF6TF, CA License #1A38965  
234 Marshall Street, UPSTAIRS #3 Redwood City, CA 94063-1550

David Rice, W6NUC  
Owner

## Jefferson Plaza Barber Shop

3125 Jefferson Ave.  
Redwood City, CA 94061

(650) 699-9604  
No Appointments



## PAARA Website

[www.paara.org](http://www.paara.org)

## PAARAGraphs Ad Rates

PAARAGraphs accepts paid advertisements from non-members.  
(short personal ads remain free for members in good standing).

All ad rates listed are per issue only.

1. Not for profit ads by association members for ham-related items and wants. No cost for business card size ads (additional space at \$2.50 per business card size).

2. For Profit organizations and/or individuals: \$5-business card size, \$25-half page, \$50 full page or back cover.

These fees may be reduced or waived in exchange for a valuable consideration that is given to the Association or its general membership. Such consideration must be in addition to any existing arrangements with the association.

The PAARAGraphs editors reserve the right to reject any ad deemed to be not in the best interest of the Association. All fees payable in advance by the year with "scanner-ready" copy or text-only ads. Give payment and copy to Bob Korte

PAARA • Palo Alto Amateur Radio Association • P.O. Box 911, Menlo Park, California 94026-0911

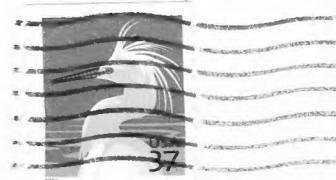
- Club meetings are on the first Friday of each month, 7:30pm at the Menlo Park Recreation Center, 700 Alma Street, Menlo Park, CA. •
- Radio NET every Monday evening, at 8:30pm, on the 145.230-600 MHz repeater, PL tone off. •

Membership in PAARA is \$12.00 per calendar year which includes a subscription to PAARAGraphs, \$6 for additional family members (no newsletter).

Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026-0911

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**PAARAGraphs** January 2005



**Palo Alto Amateur Radio Association, Inc.  
PAARAGraphs Newsletter  
P.O. Box 911  
Menlo Park, California 94026**

## **PAARA/FARS 2005 HOLIDAY PARTY**



See Page 145 for sign up

## FIRST CLASS MAIL

Korsak, Andy KR6DD  
504 Lakemead Way  
Emerald Hills, CA 94062-3919